

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



10 JUN 5 1988

(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/063996 A1

(51) International Patent Classification⁷:
3/00, G06N 7/00, S/00, S/02, G07D 5/00

G07D S/00

Agents: READ, Matthew et al.; Venner, Shipley LLP. 30 Little Britain, London EC1A 7DH (GB).

(21) International Application Number:

PCT/GB2003/005453

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,

(22) International Filing Date:

15 December 2003 (15.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

ES, FI, FR, GB, GR, HU, IE, IT, ES, MC, PT, TR, CY, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): MONEY CONTROLS LIMITED [GB/GB]; Coin House, New Coin Street, Royton, Oldham, Lancashire OL2 6JZ (GB).

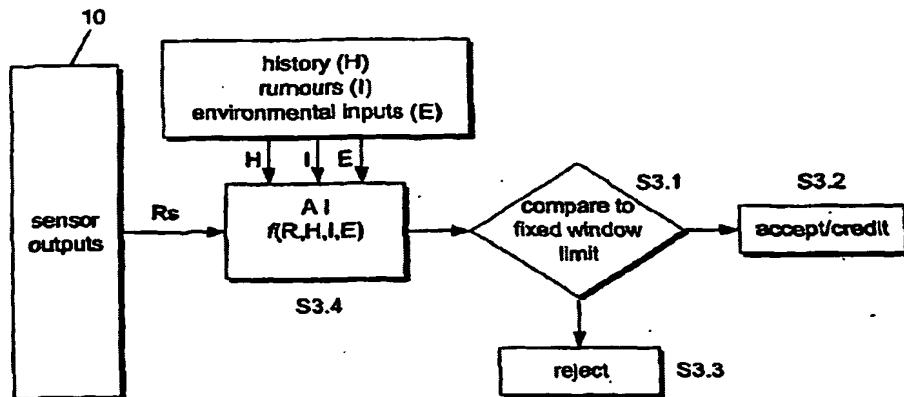
Published:
— with international search report

(72) Inventor; and

(75) Inventor/Applicant (for US only): MULVEY, Kevin, Charles (GB/GB); 18 Ventnor Close, Great Sankey, Warrington, Cheshire WA5 3JL (GB).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVED MONEY ITEM ACCEPTOR



WO 2004/063996 A1

(S7) **Abstract:** An acceptor for money items, comprises sensor circuitry (S1-S4) to provide individual money items signals (Rs) depending on items of money under test, and a processor configuration (11) to develop for each of the money items under test, a transformed money item signal (Tnew) as a function of the value of the money item signal and at least one variable parameter (A) that is a function of a fraud criterion such as history data (AVG Dn & MAX Dn) relating to the values of the money item signals for previously tested money items, to make a comparison of the values of the transformed money item signals (Tnew) with a fixed window limit value (W2, L3) and to accept each money item if it falls within the window limit.